



**CASTORIA**  
For Infants and Children.  
**Mothers Know That**  
**Genuine Castoria**  
Always  
Bears the  
Signature  
of  
*Dr. H. H. Mitchell*  
In  
Use  
For Over  
Thirty Years  
**CASTORIA**

Expensive.  
"You shouldn't feel so bad about your daughter getting married. You are not losing her, but really gaining a son-in-law."  
"That's just the trouble," said the bride's father. "That means another mouth to feed and the cost of living already out of reach."

#### WOMEN NEED SWAMP-ROOT

Thousands of women have kidney and bladder trouble and never suspect it. Women's complaints often prove to be nothing else but kidney trouble, or the result of kidney or bladder disease. If the kidneys are not in a healthy condition, they may cause the other organs to become diseased.  
Pain in the back, headache, loss of ambition, nervousness, are often times symptoms of kidney trouble.  
Don't delay starting treatment. Dr. Kilmer's Swamp-Root, a physician's prescription, obtained at any drug store, may be just the remedy needed to overcome such conditions.  
Get a medium or large size bottle immediately from any drug store.  
However, if you wish first to test this great preparation send ten cents to Dr. Kilmer & Co., Binghamton, N. Y., for a sample bottle. When writing be sure and mention this paper—Adv.

#### 'HONK, HONK!' THERE YOU ARE

After That It Was Easy to Understand Where Old Lady Wanted Letter to Go.

A portly Dutch woman applied to the post office for a money order to send to her son in the far East. She told the clerk she had left her son's letter at home, but said he was "some place out in China, dot sounds like her noise an automobile makes."  
The clerk smiled and turning to another nearby, he said: "What kind of a noise does an automobile make, Joe?"  
"Honk, honk!" the other suggested.  
"Yah, dot's it," explained the woman, her face brightening. "Honk honk, dot's der place."

So the clerk made the order payable to Hongkong, and the woman went away happy.

#### Yes, Cut It Out.

The other day an Indiana city school superintendent promoted a grade teacher to the English department in the high school. He was discussing the work with her when she suddenly said:

"Oh, Mr. —, it's going to be so hard for me. You see I've always used so much slang and now when I teach English I won't dare use any more."

"Slang!" ejaculated the superintendent. "Well, believe me, Alice, you'll have to cut that out now."

Fashion Item.  
"What is the proper length of a girl's dress?" "A little over two feet."—Cartoon Magazine.

#### ASPIRIN FOR COLDS

Name "Bayer" is on Genuine Aspirin—say Bayer



Insist on "Bayer Tablets of Aspirin" in a "Bayer package," containing proper directions for Colds, Pain, Headache, Neuralgia, Lumbago, and Rheumatism. Name "Bayer" means genuine Aspirin, prescribed by physicians for nineteen years. Handy tin boxes of 12 tablets cost few cents. Aspirin is trade mark of Bayer Manufacture of Monocetide, Sauerbrunn, Germany—Adv.

#### NOT AT ALL BAD REASONING

Few Have Real Confidence in Advice That is Handed Out by Acknowledged Failures.

Harold Bell Wright, the novelist, said in an after-dinner speech in San Francisco:  
"After all, success—financial success—is the best proof of a book's merit. All good books, from 'Robinson Crusoe' down, have had phenomenal success—made hundreds of thousands of dollars."

"We all know this is true about financial success. We are all like the tramp who asked the old gentleman for the recipe of a glass of beer."

"I have no money," the old gentleman said, "but I will give you a little advice, friend."  
"The tramp lit a cigarette butt and blew a contemptuous puff of smoke into the old gentleman's face."  
"Well, if ye ain't got no money," he said, "yer advice can't be very valuable."

#### Try It.

Bachelor—What is the best time and place to propose matrimony to a girl?  
Benedict—In an airplane, 2,000 feet up!

Bachelor—But could she hear me above the roar of the propellers?  
Benedict—Certainly not—that's why it's the best time and place!

The sum of your results depends on whether your calculations have been based on facts or imagination.

If you want to make good health a habit—and coffee interferes, try a change to

**POSTUM**

—the wholesome table-drink with a rich coffee-like flavor. You'll find Postum satisfies without any penalty.

Boil for fifteen minutes after boiling begins.

Delicious. Refreshing. Economical. Two sizes, usually sold at 15c and 25c

Made by  
Postum Cereal Company  
Battle Creek, Michigan

## The KITCHEN CABINET

Since nothing whatever happens to us outside of our own brain, the supreme importance of being able to control what goes on in that mysterious brain is patent.—Arnold Bennett.

#### MORE GOOD THINGS.

On a chilly night a dish of hot soup is one of the most appetizing of all foods with which to start the evening meal. If the dinner to follow is a substantial and filling meal the soup may be light and stimulating with but little nourishment, but if the food which is provided be light a cream soup, bisque or chowder should be the first dish.

**Soup a la Clermont.**—Take the upper crust of a small French loaf, cut in small pieces, remove the crumbs and put into a bowl with two cups of well seasoned stock. Place in a moderate oven for half an hour. Slice four large onions, fry brown in butter, drain, and boil for twenty minutes in beef stock to cover. Add the onions and the bread to two quarts of hot beef stock; pour into a soup tureen and serve with grated cheese, passed on a separate plate.

**Mushroom Soup.**—Cut into dice one and one-half cups of fresh mushrooms. Stew until tender in a cupful of beef stock. To this add one quart of stock. Thicken with a tablespoonful of flour rubbed smooth with a tablespoonful of butter. Season with salt and pepper and minced parsley.

**Combination Soups.**—Put into a soup kettle a ham bone, a beef bone and a pot of red pepper and two cups of split peas. Cover with cold water and simmer until the peas are soft. Take out the bones and pepper, season to taste and serve.

**Bean Soup.**—Put into a soup kettle two cups of baked beans, two cups of canned tomatoes, an onion finely chopped, and six cups of cold water. Simmer until the beans are soft, rub through a sieve, reheat, season and serve.

**Turkey Soup.**—Cover the bones and trimmings of cold roast turkey with cold water. Add a stalk of celery, chopped fine, a pinch of powdered sweet herbs, simmer for several hours, strain, season to taste and thicken with a tablespoonful each of flour and butter blended with a little of the soup.

Within the somber realm of leafless trees,  
The russet year inhaled the dreary air;  
Like some tanned reaper in his hour of ease,  
When all the fields are lying brown and bare.  
—Thos. Read.

#### BREAKFAST DISHES.

Of all breakfast cakes the griddle cake is the one most favored; the edible varieties are easily distinguished from the dark, sooty, lenden varieties found in eating houses and even in private kitchens.

Batter for griddle cakes should be thoroughly beaten, and an egg or two will be found quite an addition to the texture of the cakes. Use a cake turner and never turn a cake but once, as a soggy cake is sure to result. A perfect pancake batter will be smooth elastic and will keep its shape when spread on the griddle.

**Buckwheat Griddle Cakes.**—For the colder months these cakes are more common than the wheat and are used quite freely. Be sure to get a good brand of buckwheat flour. Make a batter of cold water and buckwheat flour with a softened yeast cake, or if home-made yeast is used, a half-cupful, then set away in a warm place to rise overnight. In the morning, take out a cupful of the batter to use for the next day's cakes. Add water and more buckwheat flour to make a thick batter and set away. To the batter which is to be used for the morning's cakes add sour or sweet milk, salt and a bit of soda; beat and thin to a good batter, then cook as usual. A thin batter makes a more tender cake. This original batter will be good for several weeks if the breakfast batter is never added to that to be used the next day.

**Rice Pancakes.**—Mix two cups of boiled rice with two cups of milk and let stand in a cool place overnight. In the morning add three cups of sifted flour, one teaspoonful of salt, one tablespoonful of melted butter and one tablespoonful of sugar. Beat until thoroughly mixed with two cups of milk, a tablespoonful of baking powder and three eggs, the stiffly-beaten whites added last.

**Perfection Muffins.**—Mix together three cups of flour, one cup of cornmeal, two teaspoonfuls of baking powder, one tablespoonful of sugar and one teaspoonful of salt. Work in two tablespoonfuls of butter or lard; add two beaten eggs and two cups of milk. Beat well and bake in buttered muffin tins.

*Nellie Maxwell*

**Beauty.**  
Animals living in nature are everywhere beautiful; but it is only among men that ugliness flourishes. Savagely everywhere are graceful and harmonious; it is only among the civilized that harshness and discord are permitted to prevail. If the eugenic ideals that are now floating before men's eyes never lead us to any heaven at all, but merely discourage among us the generation of human creatures below the level of decent savagery, they will serve their turn.—Havelock Ellis.

## KILLING COOTIES OF CHICKEN YARD

Biting and Sucking Insects Are Serious Enemies of All Classes of Poultry.

#### PESTS DEVELOP DISCOMFORT

Mites and Lice Decrease Efficiency in Production of Eggs and Meat—Hens Become Irritable and Decline in Health.

(Prepared by the United States Department of Agriculture.)  
O' Lady Hen doesn't object to scratching for a living, but she balks on scratching for worms all day and then having to scratch all night at vermin which delight in strutting over her during the era of darkness.

Fowl lice and mites reduce egg production, hinder the growth and reduce the quality of flesh of all classes of poultry. Mites are particularly bad among farm fowl, as these blood-sucking insects often gain a firm foothold in the flock before the farmer is aware of their presence. The hens become irritable and decline in egg production and healthy condition as a result of losing blood to the mites. In heavily infested coops it is not unusual for the chickens to become droopy and weak, with pale combs and wattles. The mites feed almost entirely at night, except that they attack hens on the nests during the daytime. They secrete themselves in cracks and crevices around the chicken house during the day, and hence their presence often is overlooked until a heavy infestation has developed.

#### Root Mites From Roosts.

In controlling mites it is first of all essential to drive the pests from the roosts, nests and interior of the poultry house, which should be sprayed with a mixture of one part kerosene to four parts of crude petroleum. Ordinarily one application is sufficient, but as an extra precaution it is advisable to spray a second time about one month after the first treatment. Poultry should be kept out of the treated buildings until the material has well dried into the wood.

Arsenical dip, as a spray, such as is used to destroy cattle ticks, is also fairly satisfactory as a control for chicken mites; several applications are required to eradicate the mites from the poultry roosts. The mites which cause scaly legs usually can be eradicated by applying crude petroleum to the legs with a brush or dipping them into this oil. One treatment is usually enough.

#### Lice Like to Live on Poultry.

If poultry escape infestations of mites they are still exposed to visitations from lice, which, unlike the mites, remain constantly with the



Sodium Fluoride Probably the Best Lice Remedy.

fowl. More than forty different kinds of lice attack domestic fowls and feed on portions of the feathers or on scales from the skin, their presence in any considerable number resulting in serious injury.

Sodium fluoride means sure and instantaneous death to poultry lice, and in either the dust or dip form it is the practical control. This material in the dust form is applied by the "pinch" method, which consists in holding the fowl by the legs or wings in one hand, while with the other hand a small pinch of the chemical is placed on the head, one on the neck, two on the back, one on the breast, one on the tail, one near the vent, one on either thigh, and one on the underside of each wing when spread. This material may also be applied in a shaker consisting of a tin can with nail holes punched in the bottom, the chemical being mixed with road dust or flour.

#### MAKE TEST OF SUNFLOWERS

Plants Will Be Mixed With Corn in Silo as Sort of "Ham Sandwich" for the Cows.

In many parts of the country good crops of sunflowers were grown this year for experiments in feeding. The sunflowers will be mixed with corn in the silo as a sort of "ham sandwich" for the cows. A few experiments in former years have shown considerable value for the sunflowers.

#### CONCRETE FLOORS ARE BEST

Conservation of Soluble Manure Makes Big Returns in Shape of Various Farm Crops.

By increasing the value of manure produced, concrete floors for feeding stables will return their cost in about one year, as shown by tests at the Ohio experiment station. The extra crop returns from manure have an

concrete floor is due to the soluble plant food in the manure; this seeps away where earthen floors are used. The cost of concreting floors generally amounts to about \$5 per animal in the ordinary feeding stable and the saving in manure is equal to this amount of every 1,000 pounds in live weight of steers or cattle fed for the year, as compared with animals fed on earth floors.

Concrete floors also make it easier to provide better sanitary places for animals.

## ATTENTION GIVEN TO FEEDING FALL PIGS

Improvement in Their Care Is Urged by Professor Evvard.

System of Feeding "Cafeteria" Style and Types of Houses Attract Comment—Pigs Are Pushed Along From Start to Finish.

At the Iowa agricultural experiment station at Ames, a great deal of attention has been given to fall pigs. Prof. John M. Evvard, chief of swine production, has been a leader in advocating an increase in the number of fall pigs and in the improvement of their care. His system of feeding them "cafeteria style" and his types of hog houses have attracted much attention.

Professor Evvard says:  
"For a number of years the animal husbandry section of the experiment station has been feeding pigs that come in the last days of August or during September. We push them from start to finish, until in April, and it is not unusual for them to weigh around 250 pounds, not so bad for pigs of eight months of age, fed right through the cold winter. Our fall pigs gain practically as well as our spring pigs. We have had fall pigs return us



Pigs Getting Their Dinner at Self-Feeder.

within five cents a bushel as much for the feed they ate as the spring pigs. These fall pig "pointers" are offered out of the experience of the experiment station:

1. Keep the pigs warm and dry.
2. Keep the pigs sanitary, killing off the lice, worms and other parasites.
3. Feed them exceptionally well; in truth, feed them "free-choice style;" give them a chance at corn and tankage in separate feeders.
4. Give them plenty of water. It is not essential that you warm it, but a little warm water once or twice a day is all right.
5. Believe in the fall pigs and have faith in them and they will make good. If you do your part, they will.

#### VICIOUS BULLS ARE SAFEST

Gentle Animal Is Cause of Most Trouble, Because Little or No Precaution Is Taken.

The gentle bull has as many victims as the gun that isn't loaded, or the hunter who "thought it was a deer." It's the gentle bull that causes the trouble in most cases. "The bull had never before shown an ugly disposition," says one clipping. "The bull had always been considered gentle," says another; and so on through the list. Because the victims thought the bulls gentle, they took no precautions, which leads us to say: Never trust a gentle bull! Better look down the barrel of a rifle! "Bulls, like cold storage eggs, should always be considered bad," a friend wisely said the other day. Warning about vicious bulls is seldom necessary, for nobody trusts them.

#### NITROGENOUS FEEDS NEEDED

To Make Hogs Gain Rapidly and Economically They Must Have Other Feed Than Corn.

Some nitrogenous supplement must be supplied to make hogs gain rapidly and economically when they are given the run of the cornfield to do their own harvesting. At least part of this supplement may be in the form of a roughage such as alfalfa, clover or soy-bean pasture. If provision has not been made to have clover, alfalfa or rape pasture in the field adjoining the corn or if soy beans have not been planted in the corn or in an adjacent field, then it is essential to feed some nitrogenous supplement such as tankage, linseed oil meal or middlings.

#### RUSSIAN THISTLE IS USEFUL

It Has Been Used in Silo and Cut for Hay in Regions Where It Has Been Deemed Pest.

In regions where the Russian thistle has been considered a pest, it has been used both in the silo and cut for hay. When cut for hay the mower is started just as the spikes commence to harden or even earlier.

#### Use Clean Packages.

Don't market apples in a flour sack or dirty box and expect to get a good price. Clean, well-graded, unblemished fruit in a clean package always sells at a good price and makes a reputation for the grower.

#### Covering for Strawberries.

Strawberries may be mulched with clean straw to the depth of four or five inches as soon as the ground freezes. Corn fodder is apt to be too heavy for this purpose.

## DAIRY FACTS

#### SCHOOLS TAKE UP DAIRYING

Bulletin Published by Department of Agriculture Has Twelve Lessons on Subject.

(Prepared by the United States Department of Agriculture.)

To add impetus to the teaching of dairying in elementary rural schools Bulletin 703, just published, contains 12 lessons on the subject. With each lesson are given helpful directions for home projects that may be worked out with profit to every community and with real educational value to pupils. Practically all the subject material for class use and instructions for home projects can be found in available bulletins either free or at small cost, but teachers and pupils are advised to use additional sources of information, such as the printed matter from dairy cattle breeders' associations, books on dairying, and farm and dairy journals.

According to the bulletin teachers of agriculture are agreed that instruction on that subject should follow certain definite lines—it should be seasonal, be local in its interests, meet the needs of the pupils, and be practical. The home-project plan affords the best means of meeting these conditions, especially the practical side, for by it the pupil works out for himself the principles and theories taught in the classroom.

The term "home project," applied to instruction in elementary and supplementary agriculture, includes as requisites a plan for home work and related instruction in agriculture at the school. It should be a problem new to the pupil; the parent and pupil should agree with the teacher on the plan; some competent person must supervise the home work; detailed records of time, method, cost, and income must be honestly kept; and a written report based on the record should be submitted to the teacher.

One of the means by which teachers may learn the dairy interests of the district is a dairy survey. The pupils may assist in obtaining this information, but first-hand knowledge obtained by the teacher will be valuable. This survey should tell the kind of farm (crop or stock), purpose of dairy cows (commercial or home use), breeds of cattle, feeds raised, feeds purchased, milk records kept, how milk is tested, how milk is disposed of, and dairy conveniences. Informa-



Rural Schools Teach How to Select Good Dairy Cows.

tion should be tabulated as it is collected. In addition the teacher with the pupils' help should prove charts showing the points of a typical dairy cow, samples of dairy records showing how they should be kept, directions showing the food value of milk, and drawings showing a section of the model dairy farm, milk house, etc.

The bulletin contains lessons, giving sources of material, on the following subjects: Producing clean milk, care of milk and cream, weighing milk, testing milk, keeping of records and marketing dairy products, profit and loss (good and poor cows), judging and purchasing stock, care in handling of the dairy cow and barn, butter manufacture, food value of milk and its use in the home, making cottage cheese, cooking with milk products, and the use of milk as a supplement to other foods.

#### GOOD RATION FOR DAIRY COW

Ohio State University Recommends Mixture of Ground Corn, Oats, Bran, Gluten and Meal.

A good dairy ration recommended by the dairy department of the Ohio State university is made of the following grains: Ground corn, one part; oats, one part; bran, one part; gluten, one part; cottonseed meal, half a part; linseed oil meal, three-fourths part. Feed one pound of this mixture to each two to four pounds of milk, depending upon the percentage of butterfat. This should be fed in connection with silage, clover or alfalfa hay and either sugar beets or beet pulp. Soy bean hay is also desirable.

#### Train Eye and Mind.

Have your eyes and mind trained so you can tell, by looking at the cow, her feed and milk shed, whether she has received proper feed and treatment or not.

#### Cows Pay for Extra Feed.

Cows that are giving milk will generally more than pay for the extra feed in increased milk production.

#### Clean and Sanitary Milk.

The milking machine will make

## COLDS breed and Spread INFLUENZA KILL THE COLD AT ONCE WITH

HILL'S CASCARA QUININE BROMIDE

Standard cold remedy for 20 years—no tablet form—safe, sure, no opiates—breaks up a cold in 24 hours—relieves grip in 3 days. Money back if it fails. The genuine box has a red top with Mr. Hill's picture. At All Drug Stores

## Eczema HUNT'S Salve

**PARKER'S HAIR BALM**  
Gentle and safe for all hair, restores color and shine to gray and faded hair. 25c and 50c at drug stores. A. B. Richards Co., Newark, N. J.

**BOYS and GIRLS Clear the SKIN with CUTICURA**  
Drops, 25c, 50c, 1.00, 2.00, 5.00, 10.00. A. B. Richards Co., Newark, N. J.

## WHEN NEURALGIA ATTACKS NERVES

Sloan's Liniment scatters the congestion and relieves pain

A little, applied without rubbing, will penetrate immediately and rest and soothe the nerves.  
Sloan's Liniment is very effective in allaying external pains, strains, bruises, aches, stiff joints, sore muscles, lumbago, neuritis, sciatica, rheumatic twinges. Keep a big bottle always on hand for family use. Druggists everywhere. 35c, 70c, \$1.40.

## Sloan's Liniment Keep it handy

A Jelly You'll Like  
99% pure castor oil, but you don't taste it. You know castor oil is the best remedy known. Try

COVINGTON'S CASTOR-JELLY  
99% PURE CASTOR OIL  
IT IS GUARANTEED TO SATISFY

## The Itching and Burning

of the various forms of eczema and tetter is immediately soothed, the eruptions disinfected and frequently healed—when you use

## Ka-Dene Ointment

The great antiseptic household remedy. Excellent for dandruff and scalp troubles. Has no equal for cuts, burns, scalds, bites, etc. Price 25c. Ask your druggist. Sample sent on request. Dealers write for special liberal proposition. The Ka-Dene Medicine Co., Nashville, Tenn.

#### "Just Put KA-DENE on it"

A Callous Brute.  
"Young lady, I think I'll buy you a dictionary."  
"Sir," said the typist, "I am insulted."  
"Well, you can look in the dictionary for good epithets to call me,"—Louisville Courier-Journal.

#### To abort a cold and prevent complications, take

**Calotabs**  
The purified and refined calomel tablets that are nauseless, safe and sure. Medicinal virtues retained and improved. Sold only in sealed packages. Price 35c.

## For Grip, Colds and MALARIA

**7-11 CHILLIFUGE**  
kills the Malaria